



# FortiClient EMS for Chromebooks - Release Notes

VERSION 1.2.0

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FortiClient EMS for Chromebooks 1.2.0 Release Notes

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# Change Log

Date	Change Description
2017-06-15	Initial release.
2017-06-22	Added note for upgrading from earlier version of FortiClient EMS for Chromebooks in <a href="#">"Upgrade" on page 8</a> .

# Introduction

FortiClient Enterprise Management Server for Chromebooks (FortiClient EMS - Chromebooks) is used to centrally manage FortiClient for Chromebooks. FortiClient can be deployed to Chrome devices and EMS can be used to import users from Google domain and centrally provision FortiClient configuration.

FortiClient offers a web filtering feature based on FortiGuard categories. EMS Administrators can allow, warn or block web categories and define exceptions as needed. Administrators can also use FortiClient EMS to enforce safe-search on Chrome browser.

Like standard FortiClient EMS, EMS for Chromebooks runs on a Microsoft Windows server 2008 R2 and above. It officially supports all Chromebook devices.

This document provides the following information for FortiClient EMS for Chromebooks 1.2.0 build 0388:

- [Introduction on page 5](#)
  - [Supported platforms on page 5](#)
  - [System Requirements on page 5](#)
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For more information about FortiClient EMS, see the *FortiClient EMS for Chromebooks Administration Guide*.

## Supported platforms

The FortiClient EMS for Chromebooks server can be installed on any of the following platforms:

- Microsoft Windows Server 2008 R2 or newer

## System Requirements

The minimum system requirement is as follows.

- 2.0 GHz 64-bit processor with dual core (or two virtual CPUs)
- 8 GB RAM (8GB RAM or higher is recommended)
- 40 GB free hard disk
- Gigabit (10/100/1000baseT) Ethernet adapter
- Internet access

Internet access is required during installation. This becomes optional once installation is completed.



You should only install EMS and the default services for the operating system on the server. Additional services should not be installed on the same server as EMS.

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## Domain Requirements

The following FortiClient platforms are supported for Google Domain users managed by FortiClient EMS for Chromebooks:

- Google Chromebook
- Google Chrome browser

## Licensing and installation

For information on licensing and installing FortiClient EMS for Chromebooks, see the *FortiClient EMS for Chromebooks Administration Guide*.

## What's New

The core features of the FortiClient EMS for Chromebooks 1.2.0 include the following:

### Pre-Login Banner

The Pre-login Banner feature can be used to display message on the EMS login page before user logs in. The user will need to accept the banner message before they can login.

### Separate License for EMS Chromebook Support

Users can purchase license applicable for both regular and Chromebook EMS Server. Alternatively, they can also purchase licenses only applicable for EMS Server for Chromebook for a lower price.

# Upgrade

## Upgrading from previous FortiClient EMS for Chromebooks versions

FortiClient EMS for Chromebooks 1.2.0 supports upgrading from FortiClient EMS for Chromebooks 1.0.3 and later 1.0 versions. It is recommended to perform the upgrade on a staging server before upgrading the production server. For details, see the *FortiClient EMS for Chromebooks Administration Guide*.

## Upgrading from previous FortiClient EMS versions

Upgrade from standard FortiClient EMS version to FortiClient EMS for Chromebooks 1.2.0 is not supported.

## Downgrading to previous versions

Downgrading FortiClient EMS for Chromebooks 1.2.0 to previous standard FortiClient EMS or FortiClient EMS for Chromebooks versions is not supported.



## Resolved Issues

The following issues have been fixed in version 1.2.0.

Bug ID	Description
310265	Chrome server will stop working when java 64bit is installed.
384016	Login page displays the <i>Unable to reach database. Are you restoring?</i> error message.
385043	EMS still sent old serial number after EMS imports a new license with a new serial number.
385191	EMS cannot receive logs and stats from the client side.
388469	Should not be able to configure <i>Async</i> mode from extension side.
388795	Editing admin user domain access does not work properly.
390066	Service account validation.
391944	Did not receive the Email alert as expected.
392335	Unable to import users with a Google Domain.
394430	Cannot receive profile.
395385	<i>Failed to Connect to Server</i> error message appears when restricted user tries to access profiles.
396457	EMS Installer should allow for customized installation directory via GUI installation.
400611	In <i>Async</i> mode, all the websites can be accessed, even when the rating server is reachable.
405309	<i>Filter by Organization Path</i> does not work properly for a single slash or empty text fields.
408790	EMS Chromebook only listens to one IP even when the EMS Server is configured with multiple IPs.
415880	<code>FCEMS_ChromeServer</code> service can not start when installing Chromebook in the command line.

## Known Issues

The following issues have been identified in version 1.2.0. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
381801	Support Youtube HTTP header for Safe Search.
385705	Slow performance with large Google Domain.
385921	Chromebook EMS added new Google domain with empty records.
388764	URL in blacklist will not be sent to EMS in stats.
392689	<code>UpdateDaemon</code> and <code>chromeServer</code> is not started after restoring with the backup database.
399733	EMS can import a sub OU using only part of the path name.
401383	Limitations connecting to SQL Server on a remote machine.
403947	EMS installation folder can not be completely cleaned up after uninstall while it is installed in a customized directory.
404977	FortiClient Chrome Plug-In for Chromebooks interferes with Chrome on Windows / Mac.
413705	The two Top 10 pie charts result drilldown filter can not be used.
421706	After upgrade from 1.0.5, 1.2.0 uninstaller asks for source path.
434975	EMS should validate EMS serial number when importing license.
436517	<i>Profile Update Interval</i> setting loss after upgrade



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